1. **Sofi started travelling from a place A to B and Priya started travelling from a place B to A which are 576 km apart. They meet after 12 hours. After their meeting, Sofi increased her speed by 2 km/hr and Priya reduced her speed by 2 km/hr, they arrived at B and A respectively at the same time. What is their initial speed?**

   A. 21 kmph, 23 kmph

   B. 25 kmph, 27 kmph

   C. 25 kmph, 23 kmph

   D. 24 kmph, 26 kmph

   Answer & Explanation

2. **A and B set out at the same time to walk towards each other respectively from a place P and Q 144 km apart. A walks at the constant speed of 8 km/h, while B walks 4 km in the first hour, 5 km in the second hour, 6 km in the third hour and so on. Then the "A" will meet "B" at?**

   A. 36 km

   B. 72 km

   C. 56 km

   D. 26 km

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **Two Vans start from a place with a speed of 50 kmph at an interval of 12 minutes. What is the speed of a car coming from the opposite direction towards the place if the car meets the vans at an interval of 10 minutes?**
   A. 13 kmph
   B. 10 kmph
   C. 14 kmph
   D. 16 kmph
   E. None of these

   Answer & Explanation

4. **A car travels from a place A to B in 7 hour. It covers half the distance at 30 kmph and the remaining distance at 40 kmph, what is the total distance between A and B?**
   A. 120 Km
   B. 250 Km
   C. 240 Km
   D. 150 Km

   Answer & Explanation

5. **Two persons A and B start from the opposite ends of a 450 km straight track and run to and from between the two ends. The speed of the first person is 25 m/s and the speed of other is 35**

m/s. They continue their motion for 10 hours. How many times did they pass each other?

A. 1

B. 4

C. 3

D. 2

Answer & Explanation

6. **A truck travelled to a place Q from P, the first 50 km at 10 kmph faster than the usual speed, but it returned the same distance at 10 kmph slower than usual speed. If the total time taken by the truck is 12 hours, then how many hours will travel at the faster speed?**

A. 8 hours

B. 6 hours

C. 2 hours

D. 3 hours

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **Mr.Kavin walks at 4/5 of his normal speed and takes 60 minutes more than the usual time. What will be the new time taken by Mr. Kavin?**

A. 260 minutes

B. 235 minutes

C. 220 minutes

D. 300 minutes

Answer & Explanation

8. **A travel bus normally reaches its destination at 60 kmph in 20 hours. Find the speed of that travel bus at which it travels to reduce the time by 5 hours?**

A. 80 kmph

B. 60 kmph

C. 50 kmph

D. 40 kmph

Answer & Explanation

9. **A Lion starts chasing a Giraffe. It takes 4 hours to catch the Giraffe. If the speed of the Lion is 40 km/h. What is the speed of Giraffe?**

A. 20 km/h

B. 50 km/h

Note: The Information Provided here is only for reference. It May vary the Original.

C. 40 km/h

D. 70 km/h

Answer & Explanation

10. **Anu and Purvi are running on a circular track of length 500m. The Speed of Anu is 40 m/s and that of Purvi is 30 m/s. They start from the same point at the same time in the same direction. When will they meet again for the first time?**

A. 25 s

B. 23 s

C. 50 s

D. 48 s

Answer & Explanation

1. **A boat takes 28 hours for travelling downstream from point A to point B and coming back to point C midway between A and B. If the velocity of the stream is 6km/hr and the speed of the boat in still water is 9 km/hr, what is the distance between A and B?**

A.115 km

B.120 km

C.140 km

D.165 km

E.150 km

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Speed of a man in still water is 5 km/hr and the river is running at 3km/hr. The total time taken to go to a place and come back is 10 hours. What is the distance travelled?**

A.10 km

B.16 km

C.24 km

D.32 km

E.36 km

Answer & Explanation

3. **A boat running upstream takes 9 hours 48 minutes to cover a certain distance, while it takes 7 hours to cover the same distance running downstream. What is the ratio between the speed of the boat and speed of the water current respectively?**

A.5:2

B.7:4

Note: The Information Provided here is only for reference. It May vary the Original.

C.6:1
D.8:3
E.2:5

Answer & Explanation

4. **A boat can travel 20 km downstream in 24 min. The ratio of the speed of the boat in still water to the speed of the stream is 4 : 1. How much time will the boat take to cover 15 km upstream?**

A.20 min
B.22 min
C.25 min
D.30 min
E.35 min

Answer & Explanation

5. **A boat whose speed in 20 km/hr in still water goes 40 km downstream and comes back in a total of 5 hours. The approx.**

speed of the stream (in km/hr) is:

A.6 km/hr

B.9 km/hr

C.12 km/hr

D.16 km/hr

E.18 km/hr

Answer & Explanation

6. **A boat covers a certain distance downstream in 2 hour, while it comes back in 2 1/2 hours. If the speed of the stream be 5 kmph, what is the speed of the boat in still water?**

A.40 kmph

B.30 kmph

C.35 kmph

D.45 kmph

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **A boat running downstream covers a distance of 40 km in 5 hrs and for covering the same distance upstream it takes 10 hrs. What is the speed of the stream?**

A.5 km/hr

B.2 km/hr

C.6 km/hr

D.4 km/hr

E.3 km/hr

Answer & Explanation

8. **A boat goes 4 km against the current of the stream in 1 hour and goes 1 km along the current in 10 minutes. How long will it take to go 15 km in stationary water?**

A.2 hour 15 min

B.2 hour

C.3hr

D.3hr 30 min

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **A man rows to a place 40 km distant and come back in 9 hours. He finds that he can row 5 km with the stream in the same time as 4 km against the stream. The rate of the stream is:**

A.1 km/hr

B.1.5 km/hr

C.2 km/hr

D.2.5 km/hr

E.None of these

Answer & Explanation

10. **A man can row 8 km/hr in still water. When the river is running at 4 km/hr, it takes him 2 1/3hr to row to a place and come back. How far is the place?**

A.4 km

B.5 km

C.7 km

D.10 km

E.None of these

Answer & Explanation

Answer – **C.7 km**

Explanation :

Downstream speed = 8+4= 12 => a

Upstream speed = 8-4= 4 => b

Note: The Information Provided here is only for reference. It May vary the Original.

Distance = a*b/(a+b) * total time (t)
= 12*4/16 * 7/3
= 7kms

1. **Two places are A and B are 200 kms from each other. A train leaves from A for B at the same time another train leaves B for A. The two trains meet at the end of 8 hours. If the train travelling from A to B travels 8km/hr faster than the other. Find the speed of the faster train?**
   A.15 km/hr
   B.17.5 km/hr
   C.16.5 km/hr
   D18 km/hr
   E.None of these

   Answer & Explanation

2. **A truck driving on a highway passed a man walking at the rate of 15km/hr in the same direction. He could see the truck for 2 minutes and up to 500 meters. Find the speed of the truck?**
   A.27km/hr
   B.30km/hr

Note: The Information Provided here is only for reference. It May vary the Original.

C.32km/hr

D.42km/hr

E. None of these

Answer & Explanation

3. **A train leaves Chennai for Bangalore at 2:15 p.m. and travels at the rate of 50 kmph. Another train leaves Bangalore for Chennai at 1:35 p.m. and travels at the rate of 60 kmph. If the distance between Bangalore and Chennai is 590 km at what distance from Chennai will the two trains meet?**

A.280 km

B.320 km

C.250 km

D.225 km

E.None of these

Answer & Explanation

4. **A bus was travelling from Mumbai to Pune was delayed by 16 minutes and made up for the delay on a section of 80 km travelling with a speed 10 km per hour higher than its normal**

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speed. Find the original speed of the bus?

A.60 km/h

B.66.66 km/h

C.50 km/h

D.40 km/h

E.None of these

Answer & Explanation

5. **Two cities A and B are at a distance of 120 km from each other. Two persons P and Q start from First city at a speed of 20km/hr and 10km/hr respectively. P reached the second city B and returns back and meets Q at Y. Find the distance between A and Y.**

A.50 km

B.66 km

C.55 km

D.40 km

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **Vijay takes 4 hr in walking at certain place and return back. While it takes 3 hrs in walking at certain place and riding back. Find the time Vijay will take to ride both sides**

A.1.5hr

B.2 hr

C.2.5 hr

D. 3.5 hr

E. None of these

Answer & Explanation

7. **Rakesh travelled 2000 kilometre by air which formed 3/5 of the total journey. He travels 1/4 of the trip by car and the remaining trip by train. Find the distance travelled by train.**

A.2800

B.4500

C.2500

D.3800

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **Rahul has to travel from one point to another point in a certain time. Travelling at a speed of 6kmph he reaches 40m late and travelling at a speed of 8kmph he reaches 12 m earlier.What is the distance between this two points ?**

A.27km

B.18km

C.15km

D.21km

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **Vivek travelled a distance of 50km in 7hrs. He travelled the distance partly on foot at 5kmph and partly on bicycle at 8kmph. What is the distance that he travelled on foot ?**

A.12km

B.5km

C.10km

D.18km

E.None of these

Answer & Explanation

10. **Mani drove at the speed of 45 kmph. From home to a resort. Returning over the same route, he got stuck in traffic and took an hour longer, also he could drive only at the speed of 40 kmph. How many kilometers did he drive each way ?**

A.520km

B.240km

C.360km

D.420km

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

11. **Rohit starts cycling along the boundaries of the squares. He starts from a point A and after 90 minutes he reached to point C diagonally opposite to A. If he is travelling with 20km/hr, then find the area of square field.**

A.150

B.225

C.350

D.455

E.None of these

Answer & Explanation

1. **A truck covers a distance of 376 km at a certain speed in 8 hours. How much time would a car take at an average speed which is 18 kmph more than that of the speed of the truck to cover a distance which is 14 km more than that travelled by the truck ?**

A. 6 hours

B. 5 hours

C. 7 hours

D. 8 hours

Answer & Explanation

2. **Two cars start together in the same direction from the same place. The first goes with uniform speed of 10 kmph. The**

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second goes at a speed of 8 kmph in the first hour and increases its speed by 1/2 kmph each succeeding hours. After how many hours will the second car overtake the first, if both cars go non stop?

A. 8 hours

B. 7 hours

C. 6 hours

D. 9 hours

Answer & Explanation

3. **A car runs at the speed of 50 km per hour when not serviced and runs at 60 kmph when serviced. After servicing the car covers a certain distance in 6 hours. How much time will the car take to cover the same distance when not serviced?**

A. 8 hours 12 minutes

B. 6 hours 15 minutes

C. 8 hours 15 minutes

D. 7 hours 12 minutes

Answer & Explanation

4. **Two cars namely A and B start simultaneously from a certain place at the speed of 40 kmph and 55 kmph, respectively.The car B reaches the destination 2 hours earlier than A. What is the distance between the starting point and destination?**

A. 8 hours 12 minutes

Note: The Information Provided here is only for reference. It May vary the Original.

B. 6 hours 15 minutes
C. 7 hours 20 minutes
D. 7 hours 12 minutes

Answer & Explanation

5. **A thief is spotted by a policeman from a distance of 200 metre. When the policeman starts chasing , the thief also starts running. If the speed of the thief be 16kmph and that of policeman be 20kmph, how far the thief will have run before he is overtaken?**
A. 800 m
B. 700 m
C. 650 m
D. 750 m

Answer & Explanation

6. **A bus travels at the rate of 54 kmph without stoppages and it travels at 45 kmph with stoppages. How many minutes does the bus stop on an average per hour?**
A. 8 minutes

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B. 6 minutes
C. 10 minutes
D. 4 minutes

Answer & Explanation

7. **The ratio between the rate of speed of travelling of A and B is 2:3 and therefore A takes 20 minutes more than time taken by B to reach a particular destination. If A had walked at double the speed, how long would he have taken to cover the distance?**

A.60 minutes
B.35 minutes
C.20 minutes
D.30 minutes

Answer & Explanation

8. **Anu normally takes 4 hours more than the time taken by Sachin to walk D km. If Anu doubles her speed, she can make it in 2 hours less than that of Sachin. How much time does Sachin require for walking D km?**

A. 10 hours
B. 4 hours

Note: The Information Provided here is only for reference. It May vary the Original.

C. 8 hours

D. 9 hours

Answer & Explanation

9. **Sohail covers a distance by walking for 6 hours. While returning, his speed decreases by 2kmph and he takes 9 hours to cover the same distance. What was his speed while returning?**

A. 2 kmph

B. 5 kmph

C. 4 kmph

D. 7 kmph

Answer & Explanation

10. **A car reached a certain place 'Q' from 'P' in 35 min with an average speed of 69 kmph. If the average speed is increased by 36 kmph, then how long will it take to cover the same distance?**

Note: The Information Provided here is only for reference. It May vary the Original.

A. 25 minutes
B. 23 minutes
C. 27 minutes
D. 29 minutes

Answer & Explanation

1. **A man walks at certain place and rides back in 10 hours. He could ride both ways in 8 hours. The time taken by him to walk both ways?**
   a) 10 hr
   b) 12 hr
   c) 14 hr
   d) 16 hr
   e) None of these

Answer & Explanation

2. **Two trains start from same place at same time at right angles to each other. Their speeds are 36km/hr and 48km/hr respectively. After 30 seconds the distance between them will be**
   a) 400m
   b) 500m
   c) 600m
   d) 650m
   e) None of these

Answer & Explanation

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3. **A train covers a distance between two stations P and Q in 30 minutes. If the speed of the train is reduced by 10km/hr, then the same distance is covered in 45 minutes. The distance between P and Q**

a) 10km

b) 15km

c) 20km

d) 30km

e) None of these

Answer & Explanation

4. **An inspector is 228 meter behind the thief. The inspector runs 42 meters and the thief runs 30 meters in a minute. In what time will the inspector catch the thief?**

a) 19 minutes

b) 20 minutes

c) 18 minutes

d) 21 minutes

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **Two trains 210 meters and 180 meters are running on parallel track at the speed of 72km/hr and 45km/hr respectively. The time taken by them to cross each other, if they are running in opposite direction?**

a) 8 sec

b) 10 sec

c) 12 sec

d) 15 sec

e) None of these

Answer & Explanation

6. **A car travels from P to Q at a constant speed. If its speed were increased by 20km/hr, it would have taken two hour lesser to cover the distance. It would have taken further 30 minutes lesser if the speed was further increased by 10 km/hr. The distance between the two cities**

a) 100 km

b) 120 km

c) 150 km

d) 180 km

e) None of these

Answer & Explanation

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7. **A girl goes to her school from her house at a speed of 6km/hr and returns at a speed of 4 km/hr. If she takes 10 hours in going and coming back, the distance between her school and house is**

a) 12km

b) 16 km

c) 20 km

d) 24 km

e) None of these

Answer & Explanation

8. **A bus leaves the stop 30 minutes before the scheduled time. The driver decreases its speed by 30km/hr. At the next bus stop 180 km away, the bus reached on time. Find the original speed of the bus?**

a) 110km/hr

b) 120km/hr

c) 130km/hr

d) 140km/hr

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **A walks with a speed of 6 km/hr and after 5 hr of his start, B starts running towards A at a speed of 8 km/hr. At what distance from start will B catch A.**

a) 100 Km

b) 110 Km

c) 120 Km

d) 140 Km

e) None of these

Answer & Explanation

10. **Without any stoppages a person travels a certain distance at an average speed of 40 km/hr and with stoppages he covers the same distance at an average of 20 km/hr. How many minutes per hour does he stop?**

a) 15 minutes

b) 20 minutes

c) 30 minutes

d) 45 minutes

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **A car after travelling 100 km from point A meets with an accident and then proceeds at 3/4 of its original speed and arrives at the point B 90 minutes late. If the car meets the accident 60 km further on, it would have reached 15 minutes sooner. Find the original speed of the train?**

   a) 60km/hr
   b) 80km/hr
   c) 100km/hr
   d) 120km/hr
   e) None of these

   Answer & Explanation

2. **A boy goes to school from his home at a speed of 4 km/hr and returns at a speed of 6 km/hr. If in total he took 5 hours in going and coming back, the distance between his house and school?**

   a) 8km
   b) 10km
   c) 12km
   d) 14km
   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **A police officer is 110 meter behind a thief. The officer runs 21 meters and thief runs 14 meters in a minute. In what time the officer will catch the thief ?**
   a) 15.3/7 minutes
   b) 15.5/7 minutes
   c) 15.1/7 minutes
   d) 16.3/7 minutes
   e) None of these

   Answer & Explanation

4. **Two trains P and Q are separated by 220 km on a straight line. One train starts at 8 am from one station A towards B at 40 km/hr and another train starts from B towards A at 9 am at 60 km/hr. At what time will both train will meet?**
   a) 10:00 am
   b) 10:30 am
   c) 10:48 am
   d) 11:00 am
   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **Two girls begin together to write out a book containing 900 lines. The first girl starts with the first line, writing at a speed of 150 lines per hour and the second girl starts writing from the last line at the rate of 200 lines per hour. At which line will they meet?**

a) 384th line

b) 386th line

c) 389th line

d) 400th line

e) None of these

Answer & Explanation

6. **Two women start walking towards each other at same time from two points separated by 84 km. First women walks at 5km/hr and second walks at 2 km/hr in the first hour, 2.5 km/hr in second hour, 3 km/hr in third hour and so on. Find the approximate time after which both women will meet?**

a) 8hr

b) 9hr

c) 10hr

d) 11hr

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **Two places are A and B are 200 kms from each other. A train leaves from A for B at the same time another train leaves B for A. The two trains meet at the end of 8 hours. If the train travelling from A to B travels 10km/hr faster than the other. Find the speed of the faster train?**

a) 15 km/hr

b) 16 km/hr

c) 17.5 km/hr

d) 18 km/hr

e) None of these

Answer & Explanation

8. **Two bullets are fired at an interval of 15 minutes but a car approaching the place of firing hears the second bullet after 14 minutes. Speed of sound is 330 meters per second. Find the speed of the car?**

a) 80km/hr

b) 82km/hr

c) 85km/hr

d) 90km/hr

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **A truck driving on a highway passed a man walking at the rate of 12km/hr in the same direction. He could see the truck for 2 minutes and up to 500 meters. Find the speed of the truck?**

a) 27km/hr

b) 30km/hr

c) 32km/hr

d) 42km/hr

e) None of these

Answer & Explanation

10. **Excluding stoppages the speed of bus is 60 km/hr and including stoppages it average speed becomes 48km/hr. For how much time the bus stops.**

a) 10 min

b) 12 min

c) 14 min

d) 16 min

e) None of these

Answer & Explanation

1. **A car after travelling 100 km from point A meets with an accident and then proceeds at 3/4 of its original speed and arrives at the point B 90 minutes late. If the car meets the**

Note: The Information Provided here is only for reference. It May vary the Original.

accident 60 km further on, it would have reached 15 minutes sooner. Find the original speed of the train?

a) 60km/hr

b) 80km/hr

c) 100km/hr

d) 120km/hr

e) None of these

Answer & Explanation

2. **A boy goes to school from his home at a speed of 4 km/hr and returns at a speed of 6 km/hr. If in total he took 5 hours in going and coming back, the distance between his house and school?**

a) 8km

b) 10km

c) 12km

d) 14km

e) None of these

Answer & Explanation

3. **A police officer is 110 meter behind a thief. The officer runs 21 meters and thief runs 14 meters in a minute. In what time the**

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officer will catch the thief ?

a) 15.3/7 minutes

b) 15.5/7 minutes

c) 15.1/7 minutes

d) 16.3/7 minutes

e) None of these

Answer & Explanation

4. **Two trains P and Q are separated by 220 km on a straight line. One train starts at 8 am from one station A towards B at 40 km/hr and another train starts from B towards A at 9 am at 60 km/hr. At what time will both train will meet?**

a) 10:00 am

b) 10:30 am

c) 10:48 am

d) 11:00 am

e) None of these

Answer & Explanation

5. **Two girls begin together to write out a book containing 900 lines. The first girl starts with the first line, writing at a speed of 150 lines per hour and the second girl starts writing from the**

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last line at the rate of 200 lines per hour. At which line will they meet?

a) 384th line

b) 386th line

c) 389th line

d) 400th line

e) None of these

Answer & Explanation

6. **Two women start walking towards each other at same time from two points separated by 84 km. First women walks at 5km/hr and second walks at 2 km/hr in the first hour, 2.5 km/hr in second hour, 3 km/hr in third hour and so on. Find the approximate time after which both women will meet?**

a) 8hr

b) 9hr

c) 10hr

d) 11hr

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **Two places are A and B are 200 kms from each other. A train leaves from A for B at the same time another train leaves B for A. The two trains meet at the end of 8 hours. If the train travelling from A to B travels 10km/hr faster than the other. Find the speed of the faster train?**

a) 15 km/hr
b) 16 km/hr
c) 17.5 km/hr
d) 18 km/hr
e) None of these

Answer & Explanation

8. **Two bullets are fired at an interval of 15 minutes but a car approaching the place of firing hears the second bullet after 14 minutes. Speed of sound is 330 meters per second. Find the speed of the car?**

a) 80km/hr
b) 82km/hr
c) 85km/hr
d) 90km/hr
e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **A truck driving on a highway passed a man walking at the rate of 12km/hr in the same direction. He could see the truck for 2 minutes and up to 500 meters. Find the speed of the truck?**

a) 27km/hr

b) 30km/hr

c) 32km/hr

d) 42km/hr

e) None of these

Answer & Explanation

10. **Excluding stoppages the speed of bus is 60 km/hr and including stoppages it average speed becomes 48km/hr. For how much time the bus stops.**

a) 10 min

b) 12 min

c) 14 min

d) 16 min

e) None of these

Answer & Explanation

1. **Excluding stoppages, a train can travel with a speed of 60km/hr but with stoppages it can travel at an average 45km/hr. For how many minutes the train stops in one hour.**

a) 10min

b) 12min

c) 15min

d) 18min

e) None of these

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

2. **Two trains are travelling towards each other. The distance between the trains initially is 400km. After some time they meet at a distance of 150 km from one end. Find the ratio of the speed of the trains.**
   a) 2:5
   b) 3:5
   c) 4:7
   d) 7:3
   e) 3:7
   e) None of these

Answer & Explanation

3. **A thief steals a car at 3 pm and drives at 75 km/hr. He got discovered by the police at 4 pm Then the police start chasing him in another car travelling at 100km/hr. When will the policeman catch the thief?**
   a) 5pm
   b) 6pm
   c) 7pm
   d) 8pm
   e) None of these

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

4. **A journey of 800 km is done in a total of 10 hours, If 320 km is travel by train and remaining by bus. The same journey is done in 8 hours if 240 km is travel by train and remaining is done by bus. Find the ratio of the speed of train to bus.**
   a) 2:11
   b) 3:11
   c) 1:11
   d) 4:11
   e) None of these

Answer & Explanation

5. **If a man walks to his office at 5km/hr, he will be late by 30 minutes. If he walks at 6km/hr, he will be late by 10minutes. Find the distance between his home and office?**
   a) 5km
   b) 10km
   c) 15km
   d) 20km
   e) None of these

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

6. **Rakesh travelled 1800 kilometre by air which formed 3/5 of the total journey. He travels 1/4 of the trip by car and the remaining trip by train. Find the distance travelled by train.**
   a) 350
   b) 450
   c) 550
   d) 650
   e) None of these

Answer & Explanation

7. **Arya starts cycling along the boundaries of the squares. She starts from a point A and after 90 minutes she reached to point C diagonally opposite to A. If she is travelling with 20km/hr, then find the area of square field.**
   a) 125
   b) 225
   c) 325
   d) 425
   e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **The distance between two cities P and Q is 300km. A train starts from station P at 10 am with speed 80 km/hr towards Q. Another train starts from Q towards P with speed 40km/hr at 11 am . At what time do they meet?**

a) 12.20pm

b) 12.40 pm

c) 12.50 pm

d) 1 pm

e) None of these

Answer & Explanation

9. **A walks with a speed of 6 km/hr and after 5 hr of his start, B starts running towards A at a speed of 8 km/hr. At what distance from start will B catch A.**

a) 100

b) 110

c) 120

d) 140

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **Two guns were fired from the same place at an interval of 13 minutes but a person travelling in a train approaching the place hear the second sound after 12 minutes than the first. Find the speed of the train. Consider sound travels at a speed of 330 meter per sec.**

a) 33km/hr
b) 66km/hr
c) 99km/hr
d) 120km/hr
e) None of these

Answer & Explanation

1. **A train 150 meters of length travels at the rate of 60 km/hr. In what time the train will pass a man who is walking at a speed of 10 km/hr in opposite direction.**

a) 53/7 sec
b) 56/7 sec
c) 54/7 sec
d) 57/7 sec
e) None of these

Answer & Explanation

2. **Two trains of length 100 meter and 125 meter are travelling at a speed of 45 km/hr and 60km/hr respectively in same direction. In what time they will completely cross each other.**

Note: The Information Provided here is only for reference. It May vary the Original.

a) 52 sec
b) 54 sec
c) 56 sec
d) 58 sec
e) None of these

Answer & Explanation

3. **Two trains are travelling in same direction with 60 km/hr and 75 km/hr respectively. The faster train crosses a man sitting in the slower train in 30 sec. find the length of faster train.**
a) 100 meter
b) 125 meter
c) 140 meter
d) 150 meter
e) None of these

Answer & Explanation

4. **A train running at 45 km/hr takes 36 sec to pass a platform. Next, the train takes 12 sec to pass a man walking at the speed of 15 km/hr in the same direction. Find the length of the platform.**
a) 250m
b) 300m
c) 350m

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d) 400m

e) None of these

Answer & Explanation

5. **Two stations P and Q are 400 km apart from each other. One train start from P at a speed of 60km/hr towards Q and after 2 hours another train starts from Q towards P at 45 km/hr. At what distance from P the train will meet.**

a) 220 km

b) 240 km

c) 260 km

d) 280 km

e) None of these

Answer & Explanation

6. **Two stations A and B are 150 km apart from each other. One train starts from A at 6 AM at a speed of 30 km/hr and travels towards B. Another train starts from station B at 7 AM at a speed of 20 km/hr. At what time they will meet.**

a) 9:34 AM

b) 10:34 AM
c) 8:34 AM
d) 7:34 AM
e) None of these

Answer & Explanation

7. **Two trains of length 120 meter and 150 meter crosses a stationary man in 10 and 15 seconds respectively. In what time they will cross each other when they are moving in same direction.**
a)120 sec
b) 125 sec
c) 135 sec
d) 140 sec
e) None of these

Answer & Explanation

8. **A train running with 72km/hr takes 20sec to cross a platform 200 m long. How much it takes to cross a stationary train having twice the length of platform.**
a) 20 sec

Note: The Information Provided here is only for reference. It May vary the Original.

b) 30 sec
c) 40 sec
d) 50 sec
e) None of these

Answer & Explanation

9. **A train travelling with 54 km/hr takes 20 second to cross a bridge. Another train 70 meter shorter crosses the same bridge at 36 km/hr. Find the time taken by the second train to cross the bridge.**
a) 23 sec
b) 24 sec
c) 25 sec
d) 26 sec
e) None of these

Answer & Explanation

10. **Two trains are moving in opposite direction having speed in the ratio 5:7. First train crosses a pole in 12 second and second train crosses the same pole n 15 second. Find the time in which they can cross each other completely.**
a) 55/4 sec

Note: The Information Provided here is only for reference. It May vary the Original.

b) 53/4 sec
c) 57/4 sec
d) 59/4 sec
e) None of these

Answer & Explanation

1. **Arjun, Suji and Nima start running around a circular track and complete one round in 15, 21 and 35 seconds respectively. In how many seconds will the three meet again at the starting point. If they all have started running at the same time ?**

A.105 seconds
B.123 seconds
C.260 seconds
D.210 seconds
E.None of these

Answer & Explanation

2. **Ashwin has to travel from one point to another point in a certain time. Travelling at a speed of 6kmph he reaches 40m late and travelling at a speed of 8kmph he reaches 12 m earlier.What is the distance between this two points ?**

A.27km
B.18km
C.15km
D.21km
E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **Sasi travelled a distance of 50km in 7hrs. She travelled the distance partly on foot at 5kmph and partly on bicycle at 8kmph. What is the distance that she travelled on foot ?**

A.8km

B.5km

C.10km

D.13km

E.None of these

Answer & Explanation

4. **Walking at the rate of 4kmph a man covered a certain distance in 2hrs 30min. Running at a speed of 17.5kmph the man cover the same distance in how many min ?**

A.34min

B.26min

C.42min

Note: The Information Provided here is only for reference. It May vary the Original.

D.19min

E.None of these

Answer & Explanation

5. **A journey of 192 km between two cities takes two hours less by a fast train than by a slow train. If the average speed of the slow train is 16 km/h less than that of the fast train, then the average speed of the fast train is**

A.40kmph

B.36kmph

C.52kmph

D.48kmph

E.None of these

Answer & Explanation

6. **The driver of a car sees a school van 70m ahead of him. After 30seconds the school van is 50m behind.If the speed of the car is 34.6kmph, what is the speed of the School Van ?**

A.16.02kmoh

B.20.2kmph

C.18.06kmph
D.26.04kmph
E.None of these

Answer & Explanation

7. **A car driver travels from the plains to the hill station, which are350 km a part at an average speed of 30 km/h. In the return trip he covers the same distance at an average speed of 20 km/h the car. The average speed of the car over the entire distance is**
A.20kmph
B.26kmph
C.35kmph
D.30kmph
E.None of these

Answer & Explanation

8. **If A can row 15 km downstream in 12m and his rowing speed in still water is 56kmph, how much distance can he cover upstream in 20m ?**
A.9km
B.18km
C.10km

D.15km

E.None of these

Answer & Explanation

9. **A man crosses a stationary train in 15 minutes. The same train crosses a man in 50 seconds. What is the respective ratio between the speed of the train and the man ?**

A.Can't be determined

B.1:16

C.18:1

D.12:7

E.None of these

Answer & Explanation

10. **Nikil drove at the speed of 45 kmph. From home to a resort. Returning over the same route, he got stuck in traffic and took an hour longer, also he could drive only at the speed of 40 kmph. How many kilometers did he drive each way ?**

A.720km

B.360km

C.480km

D.420km

E.None of these

Answer & Explanation

1. **The distance between two cities P and Q is 300km. A train starts from station P at 10 am with speed 80 km/hr towards Q. Another train starts from Q towards P with speed 40km/hr at 11 am . At what time do they meet.**

a) 12.20pm

b) 12.40 pm

c) 12.50 pm

d) 1 pm

Answer & Solution

2. **A car covers first 10 km with 40km/hr next 10km with 60 km and next 10 km in 20 km/hr. What is the average speed of the car.**

a) 320/11

b) 330/11

c) 350/11

d) 360/11

Answer & Solution

Note: The Information Provided here is only for reference. It May vary the Original.

3. **A train running with 72km/hr takes 20sec to cross a platform 200 m long. How much it take to cross a stationary train having same length**

a) 20 sec

b) 30 sec

c) 40 sec

d) 50 sec

Answer & Solution

4. **Two cities A and B are at a distance of 60 km from each other. Two persons P and Q start from First city at a speed of 10km/hr and 5km/hr respectively. P reached the second city B and returns back and meets Q at Y. Find the distance between A and Y.**

a) 30 km

b) 40 km

c) 50 km

d) 55 km

Answer & Solution

Note: The Information Provided here is only for reference. It May vary the Original.

5. **A man covers 2/3 distance at a speed of 30 km/hr and the remaining at 60 km/hr. If the total distance he covers is 300 km. Find the average speed of the man.**
   a) 36 km/hr
   b) 38km/hr
   c) 40 km/hr
   d) 42km/hr

   Answer & Solution

6. **When priya travels from home to office with a speed of 40km/hr she reaches her office late by 20 minutes and when she travels with 60km/hr, she reach 10 minutes early. Find the distance between her office and home.**
   a) 50 km
   b) 60 km
   c) 65 km
   d) 70 km

   Answer & Solution

7. **A bus running at 3/5 of its usual speed reaches its destination in 15 hrs. If the bus runs at his usual speed, how much time would be saved.**

Note: The Information Provided here is only for reference. It May vary the Original.

a) 6hr
b) 7hr
c) 8hr
d) 10hr
sol = > D = (3/5)*v*15

Answer & Solution

8. **Excluding stoppages the speed of bus is 60 km/hr and including stoppages it average speed becomes 48km/hr. For how much time the bus stops.**
a) 10 min
b) 12 min
c) 14 min
d) 16 min

Answer & Solution

9. **Rahul takes 4 hr in walking at certain place and return back. While it takes 3 hrs in walking at certain place and riding back. Find the time rahul will take to ride both sides**
a) 2hr
b) 3 hr
c) 3.5 hr
d) 1.5 hr

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